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THE CENTER LINE

MONTANA HIGHWAY COMMISSION

Vol. V, No. 5 June, 1962

NATIONAL HIGHWAY WEEK

The second annual observance of National Highway Week is now history. In Montana several events were made a part of the week, including a highway appreciation dinner in Helena, open house at all division offices, and a ground-breaking ceremony.

The dinner, held at Jorgensons on May 22, featured as honored guests of the AGC, Gov. Tim Babcock, State Highway Engineers and Highway Commissioners, past and present, and the principal speaker Ray Rogers, Past President of the AGC. In addition to Rogers' interesting message, Gov. Babcock spoke briefly commending the work of the highway builders. Commission Chairman Roy Sorrells also addressed the group.

Photo taken by Chet Dreher at the Highway Appreciation Dinner shows, seated left to right: Scott Hart, former State Highway Engineer; Ray Rogers, Portland; Gov. Tim Babcock; Commission Chairman Roy Sorrells; Back Row, Commissioners Otis Waters, Stanley Halvorsen, Ted James; State Highway Engineer Fred Quinnell, Jr., and Master of Ceremonies George Schotte of Butte.

Open house was not as well attended as we had hoped, but we realize it's hard to attract the working man during daytime hours. It is hoped to have an evening open house next year with an eye to increased attendance. The various departments

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MHD GOES TO THE FAIR

This year an ambitious program has been undertaken to exhibit our displays at the various county fairs. Each year we have two or three travelling exhibits which are put on display to tell fair visitors about our highways. This year we will be on hand at the fairs and on the dates indicated.

July 30-Aug. 4	"State Fair," Great Falls
August 4-5	"Phillips County Fair," Dodson
August 6-11	"Midland Empire State Fair," Billings
August 11-12	"Prairie County Fair," Terry
August 13-15	"Valley County Fair," Glasgow
August 17-19	"Sanders County Fair," Plains
August 17-19	"Fallon County Fair," Baker
August 20-22	"Richland County Fair," Sidney
August 22-25	"Missoula County Fair," Missoula
Aug. 31-Sept. 1-2	"Chouteau County Fair," Ft. Benton
September 5-8	"Northwest County Fair," Kalispell

MONTANA MOTOR VEHICLE REGISTRATIONS IN 1961

Information has just been issued as to motor vehicle registrations in Montana. The figures show a total of 266,130 automobiles, 1,197 busses, 121,017 trucks, for a total of 388,344 registrations.

This represents an increase of 1.9% over the year 1960.

Oh, yes, we almost forgot motorcycles. The figures show a total of 3,179 of these two-wheeled buggies.

For the U.S. as a whole, the Bureau of Public Roads estimates there will be a total registration of about 79 million, which would represent an increase of more than 3 million over 1961.

AWARD SHEET — Letting of May 23, 1962

Project Number	Amount of Bid	Bidder	Address
I-IG 15-2(16)126U1 & I 115-2(2)126U1 Butte-Urban-Montana St. West & Butte-Spur (Road) Silver Bow County	$1,826,707.87	Kiely Construction Co.	Butte, Mont.
I-IG 15-2(16)126U2 & I 115-2(2)126U2 Butte-Urban-Montana St. West & Butte-Spur (Bridges) Silver Bow County	$ 566,921.56	W. R. Cahoon Const. Co	Pocatello, Ida.
I-IG 15-2(16)126U3 & I 115-2(2) 126U3 Butte-Urban-Montana St. West & Butte-Spur (Fencing) Silver Bow County	$ 26,008.46	U. S. Steel Corp.	Portland, Ore.
I-IG 15-2(16)126U4 Butte-Urban-Montana St. West & (Bridge) Silver Bow County	$ 345,958.00	W. R. Cahoon Const. Co.	Pocatello, Ida.
I-IG 90-2(12)118U3 Piltzville East to Clinton West (Bridge) Missoula County	$ 87,268.07	Pew Bridge Co.	Missoula, Montana
I 90-8(16)437U2 Frontage Road-Mossmain-Billings (Bridge) Yellowstone County	$ 43,334.44	F. L. Flynn Co.	Billings, Mont.
F 149(16) Great Falls-Fort Benton (Road) Chouteau Countyo	$ 603,123.97	Schultz & Lindsay	Fargo, N. Dakota
U-F 296(15)U2 Billings-Lavina (Bridge) Yellowstone County	$ 17,742.20	Walter Mackin & Son	Billings, Mont.

Highway Week

Continued fom Page 1)

had some very interesting and educational exhibits, and it was worth while to take a tour of the headquarters building, the lab, shop and hanger in Helena, and each of the division offices throughout the state.

It is an interesting fact to note the 25th anniversary of the original Highway Building, which was opened on May 22, 1937.

Assisting as receptionists at open house were Ruth Wilson from IBM, Deanne Bissanette from GVW, and Marilyn Shelton from Legal. Bobbie Sewell was cashier at the dinner.

MHD EMPLOYEES LEARN ACCOUNTING PROCEDURES

82 field and headquarters personnel went to school in the auditorium for 3 days, starting June 6, to learn new procedures in coding and accounting. Bob O'Leary, Chief Accountant, in cooperation with the Training-in-Service division, conducted the school. Johnny Prebis was instructor.

SAFETY PAYS

It's a man-size job on this old earth
To get on your own and prove your worth;
But it's tougher still to have a mishap
And face the world with a handicap.
No matter how smart you think you are,
You cannot depend on your lucky star.
To keep your limbs and eyes intact
Or to keep your skull from being cracked.
It takes constant care and a mind that's alert
To stay on the job and avoid being hurt.

GROUP LEADERSHIP
Training-in-Service-Department

Many who are adept at human relations on a man-to-man basis may be awkward at working with a group.

In all organizations, every day, people get together to get things done by group action. Sometimes these groups are able to move with relative ease from one step to the next, but often, between the plans and their realization, something happens. We may well ask:

Why do groups so often find it difficult to proceed smoothly?

Why do they at one time rush headlong into irresponsible decisions?

Why do they at another time argue endlessly over non-essential details?

These and similar questions about group behavior are continuing ones. They describe common symptoms of "group ills." We all participate in group life and we all feel pressures, which often suggest that we change our behavior, ideas, attitudes, or beliefs. Individual acceptance is one of the basic needs of all of us in our society.

To work more effectively in group situations the following qualities are suggested for development:

1. Awareness of your own impact on the group.
2. Insight into the needs, abilties and reactions of others.
3. Understanding of what makes a group tick.
4. Ability to diagnose the ailments of a sick group.
5. Flexibility as a leader or a member.

People, who are alert to human responses in their ordinary business and social contacts, may become quite insensitive when they are functioning in a group. Some feel vaguely insecure and nervousness causes them to develop calluses on their mental antennae. Others are born actors who are so exhilerated by the opportunity to impress people that they can be brought down to earth only by a negative reaction from the group.

In future meetings make a conscious effort to observe how you are acting, how much or how little you are talking, how attentively you are listening, and how your behavior is affecting the group.

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ANNUAL HIGHWAY PICNIC

The "coffee fund" committee had a meeting to lay the groundwork for the annual picnic. This year the date of August 12 has been chosen, and the place will be the Lions Camp, near Elliston.

Although plans are preliminary, there has been talk of having a barbeque, as opposed to hot dogs which was the piece de resistance last year.

The children are being considered in the entertainment and games and contests are being planned for them.

Some of the musicians will be contacted about having a "jam" session for dancing. Anyone who can provide a contribution to this phase of the entertainment is invited to bring along his instrument.

The committee is also looking for equipment such as softball supplies, horseshoe pegs and shoes, etc. If you have anything you can contribute, get in touch with the committee.

It has been suggested that we have a tug-of-war with Lew Chittim on one side of the creek, and Bobby Sewell on the other. Any suggestions for entertainment and amusement will be reviewed by the committee.

Margaret Ward, "top drawer" of the coffee fund "bureau" says, "This year's picnic should be a 'hum dinger' and we hope you all can attend." There will be more information circulated as the time draws near.

Training-in-Service Department

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You will probably be suprised at what you learn about yourself when you become a participant-observer rather than merely a participant. The sense of humor always considered to be a welcome relief from tension, may be an irritant and distraction to others or the habit of doodling may be a sign of boredom rather than concentration.

If you are a leader of a group, your status means that your impact on the proceedings, for better or worse, is likely to be greater than anyone else's. You are less likely to be told when you are rubbing the group the wrong way. You will have to rely on much subtler forms, such as, the expression on a man's face, the tone of his voice, the tense or relaxed atmosphere of the meeting itself or the apathy or enthusiasm the group exhibits when you ask for ideas.

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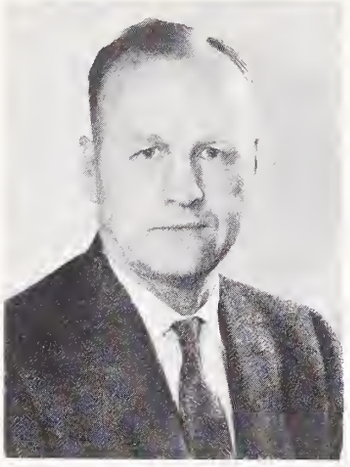
RATCHFORD NEW MAINTENANCE HEAD



Tom Ratchford

Tom Ratchford, a veteran of 30 years service with the Montana Highway Department has been appointed Maintenance Engineer for the Department to replace Bill Bawden, who passed away recently. In making the appointment, Fred Quinnell, Jr.. State Highway Engineer, said, "Bill Bawden's untimely death is a serious loss to us, and not only will he be missed by the department, but his passing will be a deep personal loss to all of us who worked with him. He was one of the most devoted and loyal employees of the Montana Highway Department. He was admired and respected by all who knew and worked with him, and his passing will be felt for years to come. Tom Ratchford brings to his new position a wealth of training and experience, and will uphold the fine traditions established by his predecessor."

Ratchford began his service with the Highway Department as an axeman in the Kalispell Division on October 6, 1927, and with the exception of the war years between 1942 and 1946, when he was an engineer with a contracting firm building airports for the Air Force, he has served with the Department continually. He alternated for several years between axeman and truckdriver, then became a chainman, rodman, instrumentman, soils engineer, project engineer, and resident engineer. He was named Division Engineer for the Bozeman Division in 1951, and left that position to come to Helena in 1957 as Assistant Construction Engineer. He was named Project Control Officer in 1960, which position he now leaves to become Maintenance Engineer.

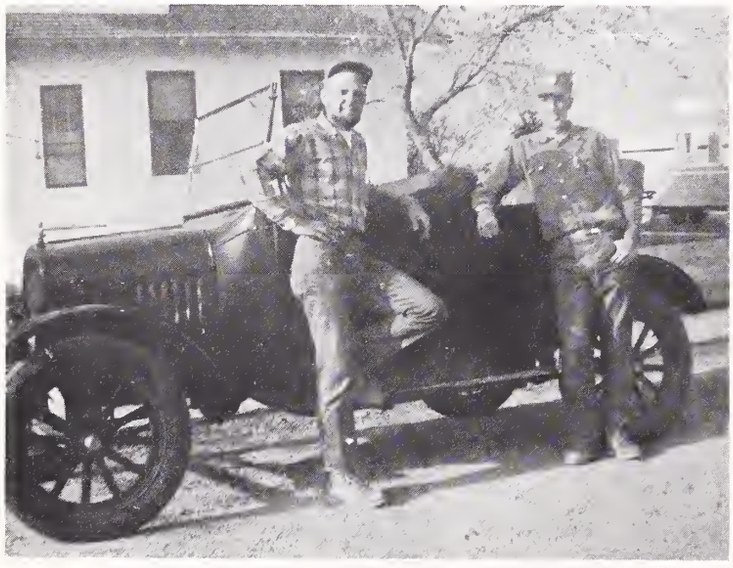
He is a licensed engineer, married and the father of two children. The Ratchfords reside at 36 S. Davis in Helena.

NEWS FROM THE DIVISIONS

Wolf Point Division

The "Culbertson Diamond Jubilee" held on June 1-2-3 inspired two members of the engineering crew stationed at Culbertson to begin work on a 1926 Model "T" Ford.

The picture above is the day the car was purchased for $10.00. Below are pictured James Baldwin and Donald Beck with the completed car in May. A touring body was bought for $10.00 and replaced the original roadster body. A total of 325 hours of labor and approximately $125.00 went into the restoration of this unit.



One of the feature events of the Jubilee was the Old Time Parade which gave Jim and Don a chance to display their car.

Gerhard H. Neufeld retired after seventeen years of service with the State Highway Department. His retirement became effective April 19, 1962. George was employed in various activities of the Maintenance Division, the last several years being spent as custodian at the Wolf Point Division Headquarters. We wish him a long and healthy retirement.

Bozeman Division

Elliott Barkell, Bozeman Division Materials Supervisor, made sports column headline May 19th by driving his golf ball 104 yards with a 9 iron to score a hole in one on the number 7 green at the beautiful new Riverside Country Club.

Long time Bozeman Division Truck Driver E. P. Schroeder was married April 28th in historic Virginia City to Fay Hurley. Congratulations to these newlyweds!

Both Kenneth M. Jones, Maintenance Foreman, and H. L. Morrison, Sectionman, have returned to work in the Bozeman Division following illnesses.

Rodman and Mrs. Larry O. Williams are the proud parents of a son, Russell Dean, born May 6. 1962.

Butte Division

Richard Matthew, Soils Engineer, conducted an Engineering School in the Butte Division. The course was very informative and interesting. The following men received Certificates of Merit: Carl J. Hussein, George Longbella, Lyle Myhr, James Sample, William Bettle, Rial K. Havens, Nick Stijacich, Richard Rauh. Mr. Matthew also received the Silver Beaver for the active work he is doing in the Boy Scouts.

Leonard Haxby, Rodman in the Butte Division, has recently received a Diploma from the Franklin-LaSalle Extension Schools in Law. The Butte Division is proud of Mr. Haxby and wishes him success and good luck in the forthcoming Bar Examinations which will be held in Montana during the month of October this year.

Training-in-Service Department

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All human beings share certain basic needs for affection, acceptance, recognition, a sense of belonging, and a sense of achievement. In order to satisfy an individual group member's needs and at the same time improve the effectiveness of the group, probe constantly for unexpected abilities.

It is not necessary to like a man in order to work effectively with him, but it is important that you realize you do not like him and to differentiate between his personality, which irritates you, and his ideas, which may be extremely valuable.

111	FHP 13 - F6 *	1962	2.1 miles grading, drainage, and surfacing. (U. S. 2 - East of West Glacier) .
112	F - 185 (6) U 1	9-15-62	0.3 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling. (U. S. 10 - West of Livingston) .
	F - 185 (6) U 3	9-15-62	0.3 miles fencing. (U. S. 10 - West of Livingston) .
113	F - 26 (6) U 1 & F 333 (27)U1	6-30-62	11.2 miles grading, cement stabilized base, drainage, surfacing, plant mix bituminous and seal coat oiling. (Montana 19 E - Grass Range North) .
	F - 333 (29) U 2	9-1-62	11.8 miles seal and cover oiling. (Montana 19 E - Grass Range North) .
114	FHP 32 - 1 (1) *	1962	26.9 miles plant mix bituminous surfacing. (U. S. 89 - South of Neihart) .
115	U - FG 228 (16)	11-30-63	1.5 miles grading, drainage, cement stabilized base, aggregate surfacing, concrete pavement, plant mix bituminous and seal coat oiling. One concrete underpass - NP R.R. (U. S. 10 - In Billings) .
116	F - 238 (8) U 1	6-15-63	8.5 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (Montana 287 - North of Wolf Creek) .
	F - 238 (8) U 2	10-31-62	One 294 foot riveted plate girder bridge - Dearborn River. (Montana 287 - North of Wolf Creek) .
117	NP 444 & 14 A *	1962	10.9 miles grading, drainage, surfacing and bituminous surface treatment. (Montana 17 - Northwest of East Glacier) .
118	FHP 20 - B *	1962	9.4 miles grading, drainage, and four 60 foot concrete slab bridges. Three over Trail Creek and one over Ruby Creek. (Montana 43 - West of Wisdom) .
119	U-F-FG 395 (4)	6-30-62	One 1126 foot steel riveted plate girder bridge - GN RY and Missouri River. (U. S. 87 - ByPass - Great Falls North) .
121	F-FG 219 (16) U 2	10-31-62	One 173 foot prestressed concrete beam overpass - NP RY. (U. S. 10 A - Northwest of Missoula) .
122	U 112 (3), U 229 (15) & U 235 (3)	10-30-62	2.0 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. One 30 foot concrete slab bridge - Big Spring Creek (Montana 20 - Lewistown Main Street) .
123	F - 191 (20) U 1	7-1-62	7.3 miles (2.5 miles grading and drainage) aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 93 - North of Polson) .
124	F - 260 (7) & F 253 (8)	8-15-63	5.8 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 2 - West to East of East Glacier) .
125	F - 13 (6) U 2	9-30-62	4.0 miles seal and cover oiling . (U. S. 89 - Livingston South) .
126	F - 86 (20) U 1	9-15-62	0.8 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 12 - East of Miles City) .
128	F - 43 (15) U 2	9-30-62	31.4 miles seal and cover oiling. (Montana 43 - West to East of Ralston) .
129	F - 217 (12)U 2 & F 217 (13) U 2	9-30-62	24.0 miles seal and cover oiling. (U. S. 89 - South to North of Emigrant) .
130	F - FG 215 (7)	6-30-63	0.3 miles four lane divided, grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. One 972 foot steel and concrete bridge - G.M.S.T.P&P RY and Clark Fork. (U. S. 93 - In Missoula) .
131	F - 191 (19) U 1	9-1-63	5.5 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 93 - South of Kalispell) .
	F - 191 (21) U 2	9-1-62	7.2 miles seal and cover oiling. (U. S. 93 - South of Kalispell) .
132	F 259 (9) U 2	9-1-62	14.5 miles seal and cover oiling. (U. S. 93 - North of Hamilton) .
133	F - 235 (27) U 2	9-1-62	5.1 miles seal and cover oiling. (U. S. 87 - Southeast of Belt) .
134	F - 246 (9) U 2	9-1-62	9.2 miles seal and cover oiling. (Montana 20 S - West of Glendive) .
135	F - 103 (10) U 1 & F 333 (28) U 1	7-15-62	11.5 miles grading, cement stabilized base, surfacing, drainage, plant mix bituminous and seal coat oiling. Widen 57 & 75 foot treated timber bridges to 36 foot width - Box Elder Creek . (Montana 19 - Roy Northeast) .
138	FHP - 42 M *	1962	2.2 miles grading, drainage, aggregate surfacing, and bituminous surface treatment. Widening of 105 foot Reinforced Concrete Girder Bridge - Grayling Creek . (U. S. 191 - North of West Yellowstone) .
141	F - 144 (6) U 1	7-30-62	4.7 miles (2.3 miles four lane divided) grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. One 38 foot treated timber bridge - Gouige Coulee . (U. S. 2 - Glasgow East) .
	F - 144 (6) U 2	7-31-62	Installation of traffic signals and lighting. (U. S. 2 - First Avenue North in Glasgow) .
142	F - 156 (10) U 1 & F 156 (11) U 1	9-15-62	13.2 miles grading, drainage, surfacing, plant mix bituminous surfacing. (U. S. 212 - Southeast of Miles City) .
144	F - 180 (4) & U 277 (5)	6-30-62	3.2 miles minor grading, aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 87 & 89 - In Great Falls) .
	F - 180 (5)	10-15-62	1.1 miles (four lane divided) median concrete curbing - Second Avenue North. (U. S. 89 - Great Falls East) .

FEDERAL AID SECONDARY PROJECTS

201	S - 6 (4)	8-31-62	7.0 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling . (North of Townsend) .
202	S - SG - 272 (2)	7-15-62	1.7 miles aggregate surfacing, plant mix bituminous and seal coat oiling. (Southeast of Frenchtown) .
203	S - 258 (4)	11-12-62	7.8 miles grading, drainage and aggregate surfacing. (Junction Montana 20 East Van Norman South) .
204	S - 32 (11)	11-12-62	7.4 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling. (Richey Northwest & Southeast) .
205	S - 399 (2)	7-31-62	1.0 mile grading, drainage and aggregate surfacing. One 132 foot prestressed concrete beam bridge - Flatwillow Creek. (North of Melstone) .
206	S - 49 (7) U 1	9-1-62	9.0 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. One 29 foot - treated timber bridge - North Fork Smith River. (White Sulphur Springs Northwest) .
207	S - 7 (6) U 1	7-1-62	6.5 miles (1.9 miles four lane divided) grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (East of Kalispell) .
208	FLH - 9 (1) U 1	9-1-62	5.2 miles grading, drainage, plant mix bituminous and seal coat oiling. (St. Xavier Southwest) .
	FLH - 9 (1) U 2	9-1-62	4.4 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (St. Xavier Southwest) .
	FLH - 9 (1) U 3	9-15-62	One 65 foot prestressed concrete beam bridge - Big Horn Irrigation Canal. (St. Xavier Southwest) .
209	S - 65 (3)	9-1-62	4.9 miles seal and cover oiling . (Southeast of Big Fork) .
	S - 65 (4)	7-1-62	4.9 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling. (Southeast of Big Fork) .
210	S - 325 (1) U 2	8-31-62	One 122 foot prestressed concrete beam bridge - Libby Creek . (Southeast of Libby) .
211	S - 333 (2)	8-15-62	5.3 miles grading, drainage, aggregate surfacing. (Southwest of Broadus) .
212	S - 290 (12)	7-31-63	1.7 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. One 708 foot riveted plate girder bridge - Missouri River . (Fort Benton Southeast) .
213	S - 71 (4)	8-31-62	0.5 miles grading, drainage, and aggregate surfacing. One 142 foot prestressed concrete beam bridge - Musselshell River. (Ryegate South) .
214	S - 238 (1) U 1	9-15-62	6.6 miles grading, drainage and aggregate surfacing. (Circle South) .
	S - 238 (1) U 2	10-31-62	Three bridges, One 193 foot prestressed concrete beam - Redwater River, two 38 foot treated timber trestles - Hell and McCune Creeks . (Circle South) .
215	ERFO - 40 (1) *	1962	3.8 miles grading. (Through Earthquake Slide - Southeast of Ennis) .
216	S - 366 (6)	12-15-62	4.1 miles grading, drainage and aggregate surfacing. (Sweetgrass West) .
217	S - US 386 (1)	10-15-62	2.6 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (Northeast of Great Falls) .
218	S - 221 (2)	11-1-62	5.2 miles grading, drainage and aggregate surfacing. (Thompson Falls Southwest) .
219	FHP 9 - 1 (1) *	1962	1.5 miles grading, drainage, and selected topping. One 445 foot reinforced concrete girder bridge - Clark Fork . (east of St. Regis) .
220	S - 301 (8)	10-15-62	5.0 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (Northeast of Havre) .
221	S - 399 (1)	9-1-62	7.9 miles grading, drainage and aggregate surfacing. (Melstone North) .
222	S - 259 (2) U 1	11-1-62	9.0 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. One 38 foot treated timber trestle bridge - Sand Creek . (Northeast of Forsyth) .
223	S - 290 (13) U 1	11-15-62	9.5 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (Northwest of Geraldine) .
224	S - 2 (15) U 1	10-30-63	1.8 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (North of Helena) .
225	S - 13 (5)	6-30-62	5.3 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (Rudyard North) .
226	S - 213 (4)	8-30-63	0.9 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (East of Butte) .
227	S - 328 (1)	6-30-62	1.2 miles grading, drainage, aggregate surfacing, road mix bituminous and seal coat oiling. Two prestressed concrete beam bridges. One 173 foot - West Fork Bitterroot River, One 198 foot - East Fork Bitterroot River. (South of Darby) .
228	S - 368 (13)	7-30-62	0.6 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (Junction U. S. 2 - East of Glasgow - North) .
	S - 239 (2) U 1	10-30-62	13.4 miles aggregate surfacing, plant mix bituminous and seal coat oiling. (Junction U.S. 2 - East of Glasgow North)
	S 368 (14)	7-30-62	1.4 miles aggregate surfacing, plant mix bituminous and seal coat oiling. (Junction U. S. 2 - East of Glasgow - South)
229	S 73 (4)	10-15-62	8.4 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling. (East of Reserve) .
230	S - 12 (9)	10-15-62	4.9 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (Harlem North)
	ROW S 12 (9)	9-1-62	2.0 miles fencing (Harlem North) .
231	S - 82 (1)	10-30-62	5.9 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (Northeast of Choteau) .
232	S - 239 (9) U 1	10-30-62	6.5 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (South of Chester) .
233	S - 167 (6)	7-1-62	5.0 miles grading, drainage, surfacing and bituminous surface treatment. (Northwest of Harrison) .
234	S - 398 (2)	9-15-63	9.6 miles grading, drainage and aggregate surfacing. (Northwest of Baker) .
235	S - 9 (9) U 2	9-30-62	8.5 miles seal and cover oiling. (Southeast of Boulder) .
236	S - 260 (3) U 1	7-1-62	11.4 miles aggregate surfacing and plant mix bituminous oiling. (Lodge Grass - West) .
238	S - 66 (2) U 2	9-30-62	1.2 miles seal and cover oiling. (Emigrant Southeast) .
239	S - 273 (3) U 2	9-30-62	0.8 miles seal and cover oiling. (Northeast of Emigrant) .
240	S - 291 (6)	8-30-62	5.4 miles grading, cement stabilized base - drainage, plant mix bituminous and seal coat oiling. (Northwest of Avon) .
241	S - 329 (4) U 2	9-1-62	10.3 miles seal and cover oiling. (North of Eden) .
242	S - 8 (10) U 2	9-1-62	9.0 miles seal and cover oiling. (West of Scobey) .
243	S - 179 (4)	6-30-62	6.3 miles grading, drainage and aggregate surfacing. (Hogeland West) .
244	S - 68 (4) U 2	9-1-62	10.5 miles seal and cover oiling. (Hilger North) .
245	S - 187 (8) U 2	9-1-62	10.6 miles seal and cover oiling. (South of Harlem) .
246	S - 361 (10) U 2	9-1-62	5.5 miles seal and cover oiling. (Girard East) .

OFF SYSTEM PROJECTS

301	FHP-2-A2, B2, & 12-A2 *	1962	7.2 miles grading and aggregate base. (Two Medicine Road and Approach - Northwest of East Glacier) .
302	NP - 8 - A2 *	1962	0.5 miles grading, drainage, surfacing and bituminous surfacing - One 160 foot concrete girder bridge - McDonald Creek. (In Glacier Park - North of West Glacier) .
303	R - AD - 7 (1) *	1962	8.7 miles grading, drainage and aggregate surfacing. (Brooks East) .

* - - - - - - - - - - - - Bureau of Public Roads Project.

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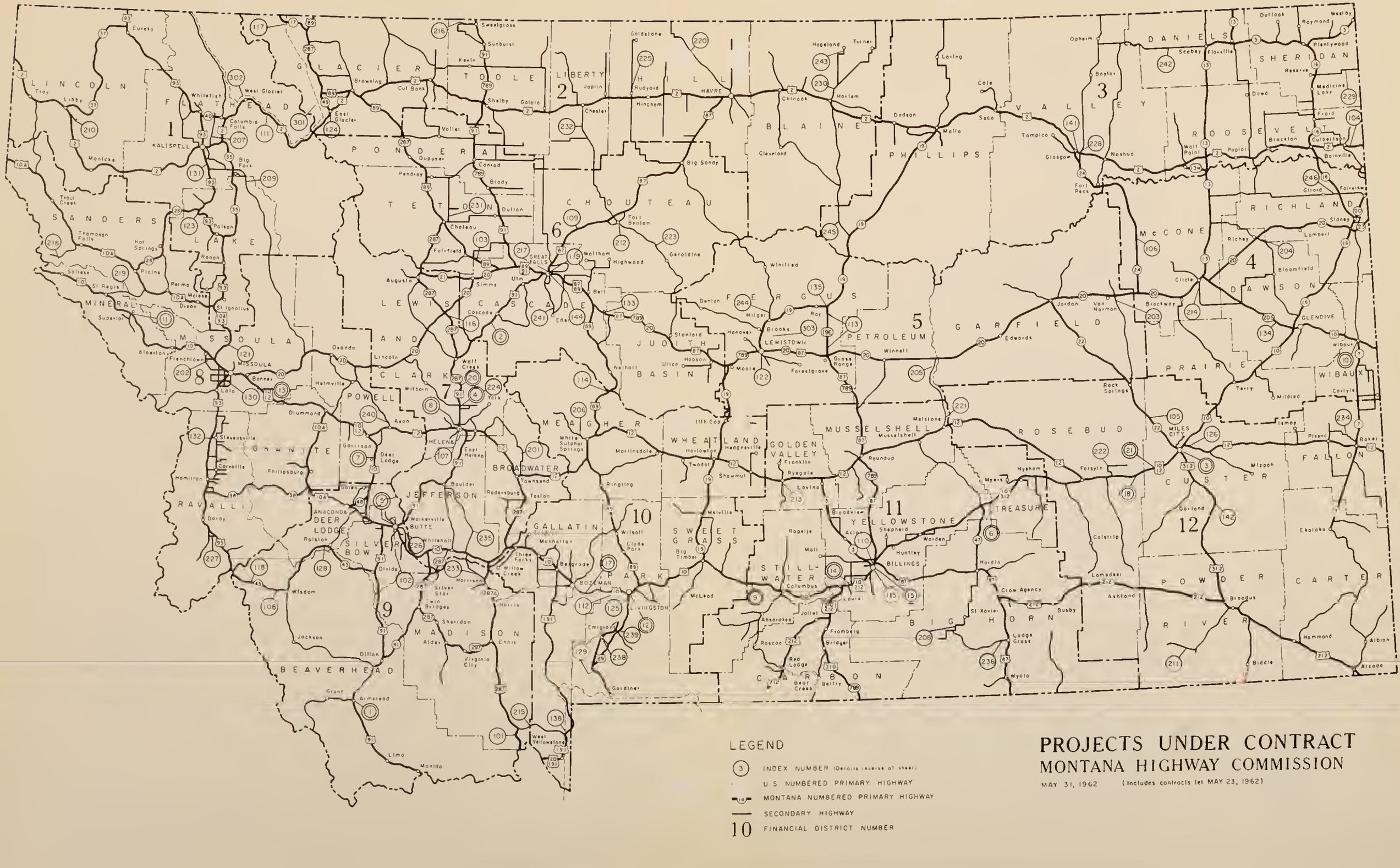


LEGEND

- (3) INDEX NUMBER (Details reverse of sheet)
- U S NUMBERED PRIMARY HIGHWAY
- MONTANA NUMBERED PRIMARY HIGHWAY
- SECONDARY HIGHWAY
- 10 FINANCIAL DISTRICT NUMBER

PROJECTS UNDER CONTRACT
MONTANA HIGHWAY COMMISSION

MAY 31, 1962 (Includes contracts let MAY 23, 1962)

Map Index Number	Project Number	Prob. Complet. Date	LENGTH, TYPE OF CONSTRUCTION, AND LOCATION
	FEDERAL AID INTERSTATE PROJECTS		
1	I 15-1 (11) 37 U 1	9-1-62	7.8 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 91 - South to North of Armstead) .
	I 15-1 (11) 37 U 2	6-30-62	Four prestressed concrete beam structures. One 143 foot - Red Rock River, One 107 foot - County Road Separation, One 153 foot - Horse Prairie Interchange, One 173 foot - Railroad River. (U. S. 91 - South to North of Armstead , .
	I 15-1 (11) 37 U 3	7-31-62	7.8 miles fencing and cattle guards. (U. S. 91 - South to North of Armstead .
2	I 15-5 (13) 239 U 1	9-1-62	9.7 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. Base construction on frontage road. (U. S. 91 - South to North of Cascade) .
	I 15-5 (13) 239 U 3	9-1-62	9.7 miles fencing. (U. S. 91 - South to North of Cascade) .
	I 15-5 (17) 239 U 4	12-31-62	9.7 miles signing and delineation . (U. S. 91 - South to North of Cascade .
3	I 94-4 (6) 136 U 1	9-15-62	11.6 miles grading, drainage, aggregate surfacing, Portland Cement paving, plant mix bituminous and seal coat oiling. Three 20 foot and two 10 foot concrete slab junior grade separations. One 168 foot prestressed concrete beam structure - Baker Road Interchange U. S. 12. (U. S. 10 - Miles City - East) .
	I 94-4 (6) 136 U 2	6-30-62	11.6 miles fencing. (U. S. 10 - Miles City - East) .
4	I 15-4 (6) 186 U 3	8-31-62	Three prestressed concrete beam structures. Dual 118 foot - County Road separation. One 205 foot - Lincoln Road Interchange. (U. S. 91 - North of Helena) .
	I 15-4 (6) 186 U 1	10-30-63	8.2 miles four lane divided, grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. Frontage Roads. (U. S. 91 - Helena North) . Weigh Station.
	I 15-4 (6) 186 U 2	10-31-62	One 50 foot prestressed concrete beam bridge - Ten Mile Creek. Note structure carries two 38 foot interstate and one 24 foot frontage roadways. (U. S. 91 Helena - North) .
	I 15-4 (6) 186 U 4	6-30-63	8.2 miles fencing and cattle guards. (U. S. 91 - Helena - North) .
5	I 15-2 (14) 127 U 1	9-1-63	2.7 miles four lane divided, grading, drainage, aggregate surfacing, concrete paving, plant mix bituminous and seal coat oiling. (U. S. 91 - In Butte) .
	I 15-2 (14) 127 U 2	9-1-62	2.7 miles fencing. (U. S. 91 - In Butte) .
	I-IG 15-2 (17) 130 U 1	8-31-63	1.5 miles grading, four lane divided, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 91 - Butte East) .
	I-IG 15-2 (17) 130 U 2	6-30-63	Three steel girder bridges, one 284 foot - Upper Nine Mile Separation. Dual 143 foot - East Butte Interchange. (U. S. 91 - Butte East) .
	I-IG 15-2 (17) 130 U 3	11-30-63	1.5 miles fencing. (U. S. 91 - Butte East) .
	I IG 15-2 (16) 126 U 1 & I 115-2(2) 126 U 1	7-31-64	2.6 miles grading, drainage, aggregate surfacing, concrete paving, plant mix bituminous and seal coat oiling. (U. S. 91 - Butte West) .
	I IG 15-2 (16) 126 U 2 & I 115-2(2) 126 U 2	9-30-63	Five Structures. Two prestressed concrete beam overpasses, One 301 & 321 foot BA&P RY & CMSTP&P RR. Three steel and concrete overpasses, One 442 & 489 foot - NP RY and Clark Fork. One 244 foot - West Butte Interchange . (U. S. 91 - Butte West) .
	I IG 15-2 (16) 126 U 3 & I 115-2(2) 126 U 3	9-30-63	2.2 miles fencing . (U. S. 91 - Butte West) .
	I-IG 15-2 (16) 126 U 4	9-30-63	0.6 miles fencing . (U. S. 91 - Butte West) .
6	I 94-1 (5) 51	7-31-63	Dual 463 foot steel and concrete overpasses - NP RY & CMSTP&P RR. (U. S. 91 - Butte West) .
7	I 90-3 (8) 180 U 3	6-30-62	One 580 foot riveted plate girder bridge - Big Horn River. (U. S. 10 - West of Hysham) .
8	I-IG-ING 15-4 (4) 182 U 2	7-1-62	8.6 miles fencing. (U. S. 10 - North and South of Deer Lodge) .
	I 15-4 (10) 182	6-30-62	2.8 miles four lane divided, grading, drainage, surfacing, plant mix bituminous and seal coat oiling. Dual 260 foot steel girder bridges - Underpass - Colonial Club Interchange. (U. S. 91 - Helena - South) .
	I-IG-ING 15-4 (4) 182 U 4	6-30-62	2.8 miles signing and delineation. (U. S. 91 - Helena - South) .
	I 15-4 (5) 185 U 1	6-30-62	1.3 miles four lane divided, grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 91 - In Helena) . One 243 foot steel and concrete bridge - Underpass - Cedar Street Interchange. One 215 foot prestressed concrete beam bridge. Underpass - York Road Separation. (U. S. 91 - In Helena) .
	I-IG-ING 15-4 (4) 182 U 6 & I 15-4 (5) 185 U 2	6-30-62	1.3 miles fencing and cattle guards. (U. S. 91 - In Helena) .
	I 15-4 (14) 185 U 3	9-1-62	1.3 miles signing and delineation . (U. S. 91 - In Helena) .
9	IG 90-8 (13) 395	11-30-62	One 249 foot steel and concrete bridge - Overpass - NP. RY. (U. S. 10 - West of Columbus) .
	I 90-7 (8) 387 U 1 & I-IG 90-8 (12) 388 U 1	10-30-63	5.9 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. Frontage roads. (U. S. 10 - West of Columbus) .
	I-IG 90-8 (12) 388 U 2	9-30-63	4.6 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. Frontage roads. (U. S. 10 - West of Columbus) .
	I 90-7 (8) 387 U 2 & I-IG 90-8 (12) 388 U 3	5-31-63	Four prestressed concrete beam structures. One 102 foot - Frontage road separation. Dual 133 foot - Reed Point Interchange. One 101 foot - Berry Creek. Two 17 foot arm one 21 foot concrete slab junior grade separations. (U. S. 10 - West of Columbus) .
	I 90-7 (8) 387 U 3	9-1-63	5.9 miles fencing. (U. S. 10 - West of Columbus) .
	I-IG 90-8 (12) 388 U 4	9-1-63	4.6 miles fencing. (U. S. 10 - West of Columbus) .
10	I 94-7 (4) 233 U 1	9-30-62	7.2 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling, fencing and weigh station. (U. S. 10 - Dawson, Wibaux County Line to Wibaux) .
	I 94-7 (4) 233 U 2	9-30-62	8.1 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling, fencing and cattle guards. (U. S. 10 - Wibaux to North Dakota State Line) .
	I 94-7 (3) 240	11-30-62	Three prestressed concrete beam structures. One 163 foot - West Wibaux Interchange, One 286 foot - Beaver Creek, One 173 foot - East Wibaux Interchange, and fencing. (U. S. 10-At Wibaux) .
11	I 90-1 (6) 43 U 1	7-15-62	6.7 miles (1.2 miles four lane divided) grading, drainage, surfacing, plant mix bituminous and seal coat oiling. One concrete slab junior grade separation. (U. S. 10 - North and South of Superior) .
12	I-IG 90-7 (9) 327 U 1	9-15-62	11.8 miles (11.0 miles four lane divided) grading, drainage, surfacing, plant mix bituminous and seal coat oiling. Construction of irrigation and water supply facilities. (U. S. 10 - West and East of Livingston) .
	I-IG 90-7 (9) 327 U 2	6-30-62	Ten prestressed concrete beam structures. Dual 113 foot overpasses - West Interchange, Dual 251 foot overpasses - South Interchange, Dual Junior Grade Separation - Farm Road, Dual 128 foot overpasses, Swingly Interchange, One 279 foot Underpass - East Interchange, One 210 foot Underpass - Mission Interchange. (U. S. 10 - West and East of Livingston) .
	I-IG 90-7 (9) 327 U 3	9-15-62	11.8 miles fencing and cattle guards. (U. S. 10 - West and East of Livingston) .
13	I-IG 90-2 (12) 118 U 1	6-30-63	Dual 350 foot steel girder overpass - NP RY. (U. S. 10 - Southeast of Bonner) .
	I-IG 90-2 (12) 118 U 2	6-30-63	One 285 foot prestressed concrete beam bridge - Clark Fork (U. S. 10 - Southeast of Bonner) . On Frontage Road.
13	I-IG 90-2 (12) 118 U 3	10-31-62	Dual 123 foot prestressed concrete beam overpasses - Frontage Road Separation . (U. S. 10 - Southeast of Bonner) .
14	I 90-8 (16) 437 U 2	5-31-63	One 74 foot concrete bridge - G.N.R.R.A. Canal (U. S. 10 - East of Laurel) On Frontage Road .
15	I 90-8 (10) 451	6-30-62	930 and 945 foot (dual) steel riveted plate girder bridges - Yellowstone River. (U. S. 10 - East of Billings) .
17	I-IG 90-6 (2) 309 U 1	9-15-62	5.0 miles four lane divided, grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. Four prestressed concrete beam structures. Dual 113 foot overpasses- Bear Creek Interchange. Dual 128 foot overpasses Trail Creek Interchange. Dual 335 foot steel and concrete overpasses - NP RY. (U. S. 10 - East of Bozeman) .
	I-IG 90-6 (2) 309 U 2	9-15-62	5.3 miles fencing. (U. S. 10 - East of Bozeman) .
18	I 94-3 (3) 114 U 1 & I 94-4 (9) 119 U 1	9-15-62	6.2 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 10 - East of Forsyth) .
	I 94-3 (3) 114 U 2	6-30-62	One 82 foot prestressed concrete beam bridge - Graveyard Creek. One 17 foot concrete slab, junior grade separation - Stockpass.(U. S. 10 - East of Forsyth) .
	I 94-3 (3) 114 U 3 & I 94-4 (9) 119 U 2	7-1-62	6.2 miles fencing. (U. S. 10 - East of Forsyth) .
20	I 15-4 (9) 194 U 1	8-30-63	12.7 miles (7.7 miles four lane divided) grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. Dual 118 foot prestressed concrete beam overpasses - Gates of the Mountain Interchange. (U. S. 91 - North of Helena) .
	I 15-4 (9) 194 U 2	9-15-62	12.7 miles fencing and cattle guards. (U. S. 91 - North of Helena) .
	I 15-4 (12) 207 U 1	9-15-62	3.4 miles (2.3 miles four lane divided) grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 91 - North of Helena) .
	I 15-4 (12) 207 U 2	7-31-62	Dual prestressed concrete beam structures. 113 foot - Sieben Interchange. One 63 foot treated timber bridge - Little Prickly Pear Creek on frontage road. (U. S. 91 - North of Helena) .
21	I 94-4 (8) 120 U 1	9-15-62	7.3 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 10 - West of Miles City) .
	I 94-4 (8) 120 U 2	6-30-62	One 173 foot prestressed concrete beam bridge - Underpass - Moon Creek Road Interchange. (U. S. 10 - West of Miles City) .
	I 94-4 (8) 120 U 3	6-30-62	7.3 miles fencing. (U. S. 10 - West of Miles City) .
	FEDERAL AID PRIMARY PROJECTS		
101	FHP 60-A *	1962	8.9 miles grading, drainage, surfacing, and bituminous surface treatment. One 260 foot prestressed concrete girder bridge - Madison River. (Montana 287 - South of Ennis) .
102	F - 207 (8)	9-1-63	0.2 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 10 - In Butte) .
	F - 279 (4)	9-1-63	0.5 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 10 - ByPass - In Butte) .
103	F - 65 (8) U 1	8-15-62	1.2 miles grading, drainage, aggregate surfacing, and bituminous surface treatment . (U. S. 89 - Southeast of Fairfield) .
104	F - 84 (30) U 1	8-15-62	10.9 miles aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 2 - Kalnville East) .
105	F - 157 (16) U 2	7-31-62	One 102 foot prestressed concrete beam bridge - Grimes Creek. (Montana 22 - Northwest of Miles City) .
	F - 157 (16) U 1	10-31-62	5.0 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (Montana 22 - Northwest of Miles City).
106	F - 215 (15)	11-30-62	12.1 miles grading, drainage, aggregate surfacing. (Montana 24 - Southeast of Fort Peck) .
107	F - 214 (3) U 1	7-1-62	1.0 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling. (U. S. 91 - In Helena) .
	F - 214 (4)	6-30-62	0.7 miles signing and delineation. (U. S. 91 - In Helena) .
	U - 249 (14) U 1 & U-UG 376 (3) U 1	7-31-62	0.5 miles four lane divided, grading, aggregate surfacing and Portland Cement concrete paving. One 206 foot prestressed concrete beam overpass - G.N. RY. (U. S. 12 - ByPass - In Helena) .
	U - 249 (14) U 2 & U - UL 376 (3) U 2	7-31-62	Traffic controls on Euclid Avenue, Lyndale Avenue, Benton Avenue to Last Chance Gulch. (U. S. 12 - ByPass - In Helena)
108	F - 42 (1) U 1	8-31-62	9.3 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (Montana 43 - Wisdom West , .
	F - 42 (1) U 2	7-31-62	One 215 foot prestressed concrete beam bridge - Big Hole River. (Montana 43 - Wisdom West , .
109	F 149 (16)	9-15-63	9.7 miles grading, drainage, aggregate surfacing and plant mix bituminous oiling . (U. S. 87 - Northeast of Great Falls) .
110	U-F 296 (15) U 2	12-31-62	Widen one 35 foot treated timber bridge to 60 foot roadway (Montana) - In Billings) .
111	F P 13 - 86 *	1962	7.1 miles grading, drainage, and surfacing. (U. S. 2 - East of West Glacier) .
112	F - 185 (6) U 1	7-15-62	0.3 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling. (U. S. 10 - West of Livingston) .
	F - 185 (6) U 2	7-15-62	0.3 miles fencing. (U. S. 10 - West of Livingston) .
113	F - 26 (6) U 1 & F 333 (27)U1	6-30-62	11.2 miles grading, cement stabilized base, drainage, surfacing, plant mix bituminous and seal coat oiling. (Montana 19 S - Grass Range North) .
	F - 333 (27) U 2	9-1-62	11.8 miles seal and cover oiling. (Montana 19 S - Grass Range North) .
	FAP 32 - 1 (1) *	1962	26.7 miles plant mix bituminous surfacing. (U. S. 89 - South of Belhart) .
115	U - FG 228 (16)	11-30-63	1.5 miles grading, drainage, cement stabilized base, aggregate surfacing, concrete pavement, plant mix bituminous and seal coat oiling. One concrete underpass - G. N.R. (U. S. 10 - In Billings) .
116	F - 238 (8) U 1	8-15-63	8.5 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (Montana 287 - North of Wolf Creek) .
	F - 238 (8) U 2	10-31-62	One 294 foot riveted plate girder bridge - Dearborn River. (Montana 287 - North of Wolf Creek) .
117	NF - S 14 A *	1962	10.9 miles grading, drainage, surfacing and bituminous surface treatment. (Montana 17 - Northwest of East Glacier) .
118	FAP 20 - 2 *	1962	9.4 miles grading, drainage, and four 60 foot concrete slab bridges. Three over Trail Creek and one over Ruby Creek. (Montana 43 - West of Wisdom) .
119	U-F-FG 345 (4)	6-30-62	One 1166 foot steel riveted plate girder bridge - GN RY and Missouri River. (U. S. 87 - byPass - Great Falls North) .
121	F-F- 219 (16) U 2	10-31-62	One 173 foot prestressed concrete beam overpass - NP RY. (U. S. 10 A - Northwest of Missoula) .
122	U 112 (3), U 229 (15) & U 235 (3)	10-30-62	2.0 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. One 30 foot concrete slab bridge - Big Spring Creek (Montana 20 - Lewistown Main Street) .
123	F - 141 (20) U 1	7-1-62	7.3 miles (4.5 miles grading and drainage . aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 93 - North of Polson) .
124	F - 260 (7) & F 253 (8)	8-15-63	5.8 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 2 - West to East of East Glacier) .
125	F - 13 (6) U 2	9-30-62	4.0 miles seal and cover oiling . (U. S. 89 - Livingston South) .
126	F - 86 (20) U 1	4-15-62	0.8 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 12 - East of Miles City) .
128	F - 43 (15) U 2	7-30-62	31.4 miles seal and cover oiling. (Montana 43 - West to East of Ralston) .
129	F - 217 (12)U 2 & F 217 (13) U 2	9-30-62	24.0 miles seal and cover oiling. (U. S. 89 - South to North of Emigrant) .
130	F - FG 215 (7)	6-30-63	0.3 miles four lane divided, grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. One 972 foot steel and concrete bridge - G.N.R.R.T.P&P RY and Clark Fork. (U. S. 93 - In Missoula) .
131	F - 191 (19) U 1	9-1-63	5.5 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 93 - South of Kalispell) .
	F - 191 (21) U 2	9-1-62	7.2 miles seal and cover oiling. (U. S. 93 - South of Kalispell) .
132	F 254 (9) U 2	4-15-62	14.5 miles seal and cover oiling. (U. S. 93 - North of Hamilton) .
133	F - 235 (27) U 2	4-1-64	5.1 miles seal and cover oiling. (U. S. 87 - Southeast of Belt) .
134	F - 246 (9) U 2	9-1-64	9.2 miles seal and cover oiling. (Montana 20 S - West of Glendive) .
135	F - 103 (10) U 1 & F 333 (28) U 1	7-15-62	11.5 miles grading, cement stabilized base, surfacing, drainage, plant mix bituminous and seal coat oiling. Widen 57 & 75 foot treated timber bridges to 36 foot width - Box Elder Creek . (Montana 19 - Roy Northeast) .
138	FAP - 42 X *	1962	2.2 miles grading, drainage, aggregate surfacing, and bituminous surface treatment. Widening of 105 foot Reinforced Concrete Girder Bridge - Grayling Creek . (U. S. 191 - North of West Yellowstone) .
141	F - 144 (6) U 1	7-30-62	4.7 miles (2.3 miles four lane divided) grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. One 34 foot treated timber bridge - Sludge Coulee . (U. S. 2 - Glasgow East) .
142	F - 144 (6) U 2	7-31-62	Installation of traffic signals and lighting. (U. S. 2 - First Avenue North in Glasgow) .
	F - 136 (10) U 1 & F .56 (11) U 1	9-15-62	13.2 miles grading, drainage, surfacing, plant mix bituminous surfacing. (U. S. 212 - Southeast of Miles City) .
144	F - 180 (4) & U 277 (5)	6-30-62	3.2 miles minor grading, aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 87 & 89 - In Great Falls) .
	F - 180 (5)	10-15-62	1.1 miles (four lane divided , median concrete curbing - Second Avenue North. (U. S. 89 - Great Falls East) .
	FEDERAL AID SECONDARY PROJECTS		
201	S - 6 (4)	8-31-62	7.0 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling . (North of Townsend) .
202	S - 95 - 272 (2)	7-15-62	1.7 miles aggregate surfacing, plant mix bituminous and seal coat oiling. (Southeast of Frenchtown) .
203	S - 258 (4)	11-12-62	7.8 miles grading, drainage and aggregate surfacing. (Junction Montana 20 East Van Norman South) .
204	S - 32 (11)	11-12-62	7.4 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling. (Richey Northwest & Southeast) .
205	S - 399 (2)	7-31-62	1.0 mile grading, drainage and aggregate surfacing. One 132 foot prestressed concrete beam bridge - Flatwillow Creek. (North of Melstone) .
206	S - 47 (7) U 1	9-1-62	9.0 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. One 29 foot - treated timber bridge - North Fork Smith River. (White Sulphur Springs Northwest) .
7	S - 7 (6) U 1	7-1-62	6.5 miles (1.5 miles four lane divided) grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (East of Kalispell) .
208	FAS - 9 (1) U 1	9-1-62	5.2 miles grading, drainage, plant mix bituminous and seal coat oiling. (St. Xavier Southwest) .
	FAS - 9 (1) U 2	9-1-62	4.4 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (St. Xavier Southwest) .
	FAS - 9 (1) U 3	9-15-62	One 65 foot prestressed concrete beam bridge - Big Horn Irrigation Canal. (St. Xavier Southwest) .
209	S - 65 (3)	9-1-62	4.9 miles seal and cover oiling . (Southeast of Big Fork) .
	S - 55 (4)	7-1-62	4.9 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling. (Southeast of Big Fork) .
210	S - 325 (1) U 2	8-31-62	One 122 foot prestressed concrete beam bridge - Libby Creek . (Southeast of Libby) .
211	S - 333 (2)	8-15-62	5.3 miles grading, drainage, aggregate surfacing. (Southeast of Broadus) .
212	S - 290 (12)	7-31-63	1.7 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. One 708 foot riveted plate girder bridge - Missouri River . (Fort Benton Southeast) .
213	S - 71 (4)	8-31-62	0.5 miles grading, drainage, and aggregate surfacing. One 142 foot prestressed concrete beam bridge - Musselshell River. (Ryegate South) .
214	S - 238 (1) U 1	9-15-62	6.6 miles grading, drainage and aggregate surfacing. (Circle South) .
	S - 238 (1) U 2	10-31-62	Three bridges, One 193 foot prestressed concrete beam - Redwater River, two 38 foot treated timber trestles - Hell and McCone Creeks . (Circle South) .
215	ERFO - 40 (1) *	1962	3.8 miles grading. (Through Earthquake Slide - Southeast of Ennis) .
216	S - 366 (6)	12-15-62	4.1 miles grading, drainage and aggregate surfacing. (Sweetgrass West) .
217	S - UL 386 (1)	10-15-62	2.6 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (Northeast of Great Falls) .
218	S - 221 (2)	11-1-62	5.2 miles grading, drainage and aggregate surfacing. (Thompson Falls Southwest) .
219	FAP 9 - 1 (1) *	1962	1.5 miles grading, drainage, and selected topping. One 445 foot reinforced concrete girder bridge - Clark Fork . (east of St. Regis) .
220	S - 301 (8)	10-15-62	5.0 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (Northeast of Havre) .
221	S - 3 (1)	9-1-62	7.9 miles grading, drainage and aggregate surfacing. (Melstone North) .
222	S - 259 (2) U 1	11-1-62	9.0 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. One 38 foot treated timber trestle bridge - Sand Creek . (Northeast of Forsyth) .
223	S - 240 (13) U 1	11-15-62	9.5 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (Northwest of Geraldine) .
224	S - 2 (15) U 1	10-30-63	1.8 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (North of Helena) .
225	S - 13 (5)	6-30-62	5.3 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (Rudyard North) .
226	S - 243 (4)	8-30-63	0.9 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (East of Butte) .
227	S - 328 (1)	6-30-62	1.2 miles grading, drainage, aggregate surfacing, road mix bituminous and seal coat oiling. Two prestressed concrete beam bridges. One 173 foot - West Fork Bitterroot River, One 198 foot - East Fork Bitterroot River. (South of Darby) .
228	S - 368 (13)	7-30-62	0.6 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (Junction U. S. 2 - East of Glasgow - North) .
	S - 239 (2) U 1	10-30-62	13.4 miles aggregate surfacing, plant mix bituminous and seal coat oiling. (Junction U.S. 2 - East of Glasgow North)
	S 368 (14)	7-30-62	1.4 miles aggregate surfacing, plant mix bituminous and seal coat oiling. (Junction U. S. 2 - East of Glasgow - South)
229	S 73 (4)	10-15-62	8.4 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling. (East of Reserve) .
230	S - 12 (9)	10-15-62	4.9 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (Harlem North)
	ROA S 12 (9)	9-1-62	2.0 miles fencing (Harlem North) .
231	S - 82 (1)	10-30-62	5.9 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (Northeast of Choteau) .
232	S - 239 (9) U 1	10-30-62	6.5 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (South of Chester) .
233	S - 167 (6)	7-1-62	5.0 miles grading, drainage, surfacing and bituminous surface treatment. (Northwest of Harrison) .
234	S - 398 (2)	9-15-63	9.6 miles grading, drainage and aggregate surfacing. (Northwest of Baker) .
235	S - 4 (5) U 2	9-30-62	8.5 miles seal and cover oiling. (Southeast of Boulder) .
236	S - 260 (3) U 1	7-1-62	11.4 miles aggregate surfacing and plant mix bituminous oiling. (Lodge Grass - east) .
238	S - 66 (2) U 2	9-30-62	1.2 miles seal and cover oiling. (Emigrant Southeast) .
239	S - 273 (3) U 2	9-30-62	0.8 miles seal and cover oiling. (Northeast of Emigrant) .
240	S - 241 (6)	8-30-62	5.4 miles grading, cement stabilized base - drainage, plant mix bituminous and seal coat oiling. (Northwest of Avon) .
241	S - 329 (4) U 2	9-1-62	10.3 miles seal and cover oiling. (North of Eden) .
242	S - 8 (10) U 2	9-1-62	9.0 miles seal and cover oiling. (West of Scobey) .
243	S - 179 (4)	6-30-62	6.3 miles grading, drainage and aggregate surfacing. (Hogeland West) .
244	S - 68 (4) U 2	9-1-62	10.5 miles seal and cover oiling. (Hilger North) .
245	S - 187 (8) U 2	9-1-62	10.6 miles seal and cover oiling. (South of Harlem) .
6	S - 301 (10) U 2	9-1-62	5.5 miles seal and cover oiling. (Girard East) .
	OFF SYSTEM PROJECTS		
301	FAP-2-A2, 82, & 12-A2 *	1962	7.2 miles grading and aggregate base. (Two Medicine Road and Approach - Northwest of East Glacier) .
302	NF - 8 - A2 *	1962	0.5 miles grading, drainage, surfacing and bituminous surfacing - One 160 foot concrete girder bridge - McDonald Creek. (In Glacier Park - North of West Glacier) .
303	A - AD - 7 (1) *	1962	8.7 miles grading, drainage and aggregate surfacing. (Brooks East) .

* - - - - - - - - - - - - Bureau of Public Roads Project.

Miles City Division

Congratulations to Earl E. Kelly who was recently promoted to the classification of instrumentman. Earl was employed by the Highway Department in 1953 and has capably performed many phases of work required in highway engineering

and construction. Prior to his recent promotion, Earl was undoubtedly the man most sought after by project engineers in Division 520 as an inspector for gravel surfacing and bituminous paving control.

Proudly at home in Division 520 at Miles City after having captured the doubles crown in the First Annual Bowling Tournament in Helena is the "Brown-Strong" combination. Pictured here is Earl Brown happily cutting the trophy cake (baked by his aunt and decorated by Shirley Blunt, our stenographer) for Charles Strong who had returned to his regular duties on Project S 259 (2) Unit 1, at Cartersville, Montana.

M. L. Lahn, Division Engineer, and his wife Leona recently returned from a well earned annual leave. During their absence they visited with their daughters, son-in-laws and grand children in Bozeman and Butte, then journeyed on for a tour of the Pacific Northwest. One of the highlights of their trip was the "Century 21 Exposition" in Seattle, Washington at which they spent three days. They advise that the exposition is outstanding, especially from a scientific point of view and that the prices are moderate in relation to the entertainment offered.

Billings Division

Mary David, clerk in the Division Office, is leaving for San Diego where she will accompany her husband who was transferred by the Navy. We wish to welcome Jo Anne Eschler who will be replacing Mary. Jo Anne was formerly employed in the Division Office at Great Falls.

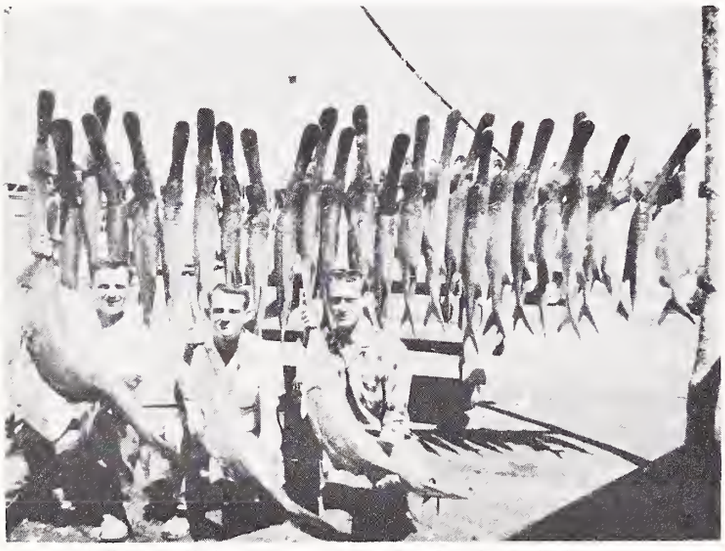
A Red Cross First Aid class was started May 10th in the Division Office Building for all interested personnel and 25 have enrolled for this course. The course will include ten hours of basic first aid and a fifteen hour advanced course.

The above picture was taken in 1922 and shows placing of concrete pavement in Laurel. It is now covered with asphalt but still being used.

Glendive Division

James Hein of the R/W Department and Babe Hartze of the Office Personnel with one of the many catches of spoon billed catfish or paddle fish they have been catching by the hundreds of pounds in the Yellowstone River near Glendive. Over a period of 11 days they caught 2033 lbs. of these Paddle Fish with the largest being 39½ lbs and the smallest being 10¾ lbs. They have gone early in the morning, late in the evening, and even stayed over night and just never seem to come back with less than 10 fish or less than 150 lbs. of these strange billed fish. They have caused a stir of excitement in every fisherman, young or old, for

miles around and because of their huge catches and good luck, the shores of the Yellowstone are literally lined with fishermen of every description from every town around trying their luck. It is like the Fourth of July every day around here. Apparently these strange fish have been in the river for years but either none has ever wanted to claim they caught one or they were too frightened and shocked pulling one out of the water and threw them back. This is the first year such a sport has been made of catching these savory tasting fish. They have no teeth, live on green life and are strictly what we call vegetarians. Their meat is pure white with red sections and tastes like shrimp and halibut combined. They have a delicate flavor, unsurpassed. James Hein's twin brother, George, was so excited when he heard his brother bragging about these fish and was just a little bit skeptical about his brother's fish story, that he drove down here for the weekend and tried his luck. He surely made a haul and had a picture taken so that others would believe the



story. These fish put up a wonderful fight, it's a lot like salt water fishing and is a wonderful experience when you latch on to one. Babe and James have so many stories every day when they come to work that we are truly knee deep in fish.

The fish pictured were caught in less than three hours and weighed a total of 527½ pounds.

District Engineer, W. K. Brittain, is reported to be receiving visitors for a short time daily. He is said to be well on the road to recovery. He enjoys humorous cards, and likes to hear from Highway employees.

Mr. Henry (Hank) Newell has been off work for 3 weeks or more after a minor operation and illness. We hope he will be back to work, and good as new, real soon.

Here is Cigar Smokin', Pistol Totin' (Herbie) Darrell V. Hoover, stockman in the Glendive Division. He has, in the past, won many awards and medals for his pistol shooting, and just recently won the eastern association championship matches. His wife, a real Pistol-Packin' Mama, also took "high-lady" award in this same match. Herbie is capain of a group called "Trails End." He's not the man on which to make a fake quick-draw, or you'd wind up staring at the ceiling for sure. The Glendive boys hope to send his picture, in "draw" pose, for a screen test, in the hope that he be chosen as a stand-in for Paladin.

Great Falls Division

Two Maintenance men are recipients of 20 year service pins; Oscar Sampson assigned to Great Falls, and Fred Paul, Sectionman at Dupuyer.

Recent promotions in Division 310 include James Dolan promoted to Project Engineer. Jim's assignments are one Secondary designated Choteau-Farmington and one Primary, Sun River-Choteau. Other promotions are Frank Robinson and John Arnold who are now instrumentmen. Mr. Robinson is assigned to Dale Moore's crew and he will be working in the vicinity of Great Falls. Mr. Arnold will be "running gun" for Jim Dolan. Congratulations men and good luck in your new classifications.

Newest member to join the Great Falls Headquarters section is Mrs. Patricia Ann Bristol. Welcome to the fold, Pat.

To Harold Alexander and Jack Stephenson R/W Agents and both hospitalized at present

(not because they are R/W Agents) our sympathy and best wishes for a speedy recovery.

A short time ago an eight year old youngster in an adventurous frame of mind "borrowed" a survey Suburban from the Great Falls Yard. Needless to say the climax of this child's lark left much to be desired. Because the youth wasn't injured it is easy to adopt an apathetic attitude to this episode and others of a like nature. However, where were the people responsible for this lad's actions while his shenanigans were going on? Surely not even the almighty tax payer expects baby-sitting service from the Highway Department.

Helena Division

A group of 40 on the distaff side of the Highway Department donned their best luncheon hats and convened at the Colonial Club on Tuesday, May 29th at noon. The occasion for this gathering was to honor Ann Harrisberger who resigned effective June 1. After a due amount of lunch, gossip, giggling, and "yackety-yack", the girls presented Anne with a "going-away" gift of a garden chaise lounge, in token of their deep feeling for her, and in acknowledgement of her 10 years of service with the MHD, as R/W and Attorney secretary. The department wishes Anne a lot of happiness in the future, and as she reclines in her chaise lounge, may she let her thoughts wander back to those of us who are still slaving away.

As if this wasn't enough, the gang in the Legal Department came up with a cake and coffee for a brief suprise party in the office on a Friday afternoon. Anne was presented with a travel case.

Orchids this month to Bob Lightbody, the "Babe Ruth" of the MHD. Bob began his long and illustrious career with the "CT" of the Helena "B" league at the tender age of 10. He remained there until 1947 at which time he joined the American Legion club for 2 years until he became too old for that club, so he joined the Helena City league. 1951 saw him pitching for Great Falls with a 1-0 record, also pitching in Class "B' ball at Eugene, Oregon with a 3-0 record.

He became Assistant Legion coach in Helena in 1959 and remained there until taking over the helm of the Legion club this year.

"Lefty's" most exciting and memorable moment in baseball was in an extra inning, the tieing run winning runs on base, two down. The famous Vince DiMaggio, manager for the opposing team, came to bat as a pinch hitter, and in four pitches Bob struck him out.

Bob is a draftsman in Road Plans.

Hats off to "Peanuts" Thompson. Although he works for the Highway Department, he spent 17 hours laboring to relieve the suffering. Peanuts was one of the first on hand at the recent NP train wreck North of Missoula. Working alongside the other rescuers, Peanuts helped remove the passengers from the overturned cars, carried the wounded to awaiting ambulances, and assisted other train travelers who were victims of the disaster. Good going, Peanuts.

A retirement dinner was held at Jorgensons Holiday Inn in Helena, May 23, for Alex Burrell, who retired from the Materials Section of the Montana State Highway Department April 1961. Alex started with the Highway March 1942. About 50 people attended the dinner. William Ashton, Master of Ceremonies, was caught by the camera as he congratulated Alex. Mr. Burrell's daughter, Barbara, who is an accomplished musician, played several selections on the violin. Alex resides at 108 2nd St. in Helena with his wife, Ruth, and daughter Barbara. Barbara, who is majoring in chemistry, attends MSU.

Ground breaking ceremonies took place during National Highway week to formally start construction on the Interstate across Helena Valley. Shown here participating in the ceremonies are: Rullen Hale and Don Zook, of Zook Bros. Construction Co., Great Falls; Gov. Tim Babcock; Glenn Zook; Highway Commissioner Stan Halvorsen; Fred Ratchye, Zook Superintendent; Commissioner Ted James; Chairman Roy Sorrells; and State Highway Engineer Fred Quinnell, Jr.

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